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(54) Title: ANHYDROVINBLASTINE FOR THE TREATMENT OF CANCER

(57) Abstract: The use of a derivative of vinblastine, 3', 4'-anhydrovinblastine (AHVB), in the treatment of cancer in a mammal is provided. AHVB is found to be effective in the treatment of advanced and metastatic cancers. Effective dosages of between about 2 and about 30 mg/m<sup>2</sup> are provided.